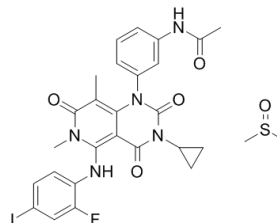


Product Name	: Trametinib DMSO solvate
Synonyms	: GSK-1120212 DMSO solvate; Trametinib; JTP-74057; GSK-1120212
Cat No.	: M10640
CAS Number	: 1187431-43-1
Molecular Formula	: C ₂₈ H ₂₉ FIN ₅ O ₅ S
Formula Weight	: 693.53
Chemical Name	: N-(3-(3-cyclopropyl-5-((2-fluoro-4-iodophenyl)amino)-6,8-dimethyl-2,4,7-trioxo-3,4,6,7-tetrahydropyrido[4,3-d]pyrimidin-1(2H)-yl)phenyl)acetamide compound with (methylsulfinyl)methane (1:1)
Description	: A potent and highly specific MEK1/2 inhibitor with IC ₅₀ of 0.92 nM/1.8 nM; exhibits no inhibition on the kinase activities of c-Raf, B-Raf, ERK1/2. Skin Cancer Approved
Pathway	: MAPK/ERK Signaling
Target	: MEK
Receptor	: MEK
Solubility	: DMSO: ≥ 69 mg/mL (Need ultrasonic)
SMILES	: <chem>CC1=C2C(C(N(C3CC3)C(N2C4=CC(NC(C)=O)=CC=C4)=O)=O)=C(NC5=C(F)C=C(I)C=C5)N(C)C1=O.CS(C)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Gilmartin AG, et al. Clin Cancer Res. 2011 Mar 1;17(5):989-1000. | 2. Flaherty KT, et al. N Engl J Med. 2012 Nov 1;367(18):1694-703. | 3. Yamaguchi T, et al. Int J Oncol, 2011, 39(1), 23-31.